

Datasheet for ABIN7558371
SULT1C2 Protein (AA 1-304) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SULT1C2
Protein Characteristics:	AA 1-304
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1C2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sult1c1 Protein expressed in mammalian cells.
Sequence:	<p>MPLKCLKDLH LDEQNMQPET REVNGILMSK MMSENWDKIW NFQAKPDDL IATYAKAGTT WTQEIVDMIQ NDGDVQKCQR ANTYDRHPFI EWTLPPLNS GLDLANKMPS PRTLKTHLPV QMLPPSFWKE NSKIIVARN AKDCLVSYYY FSRMNKMLPD PGTLGEYIET FKAGKVLWGS WYDHVKGWWD VKDKHRILYL FYEDMKEDPK REIKKIVKFL EKDISSEVLN KIIHHTSFDV MKQNPMANYT TLPSSIMDHS ISPFMRKGMP GDWKNYFTVA QSEDFDEDYR KKMAGSTITF RTEI</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SULT1C2
Alternative Name:	Sult1c1 (SULT1C2 Products)
Background:	Sulfotransferase 1C1 (ST1C1) (EC 2.8.2.-) (Phenol sulfotransferase),FUNCTION: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of drugs, xenobiotic compounds, hormones, and neurotransmitters. May be involved in the activation of carcinogenic hydroxylamines. Shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF). Also shows activity towards cinnamyl alcohol at pH 6.4 but not at pH 5.5, and towards a number of phenolic odorants including eugenol, guaiacol and 2-naphthol. {ECO:0000269 PubMed:9560327}.
Molecular Weight:	35.8 kDa
UniProt:	Q80VR3

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
